

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Brian S. Higgins

Filed January 14, 2004

Application Serial No. 10/757,056

Confirmation No. 4830

For: **COMBUSTION FURNACE HUMIDIFICATION  
DEVICES, SYSTEMS & METHODS**

Examiner: E.M. Johnson

Art Unit: 1793

Mail Stop Petitions

Commissioner for Patents

Post Office Box 1450

Alexandria, VA 22313

**PETITION FOR CORRECTION OF  
INVENTORSHIP OF PATENT APPLICATION**  
**37 C.F.R. 1.48(a)**

Sir:

This petition is made to request addition of an inventor to the above patent. A petition fee in the amount of \$130 is submitted herewith. If additional fees are required, the Commissioner is hereby authorized to charge our Deposit Account 501923.

Without any deceptive intent, inventor Goran Moberg, was not listed as an inventor when the above application was initially filed. It is the belief of the named inventor, Brian S. Higgins and the omitted inventor, Goran Moberg, and the Assignee, Mobotec USA, Inc., that Goran Moberg should be listed as a joint inventor.

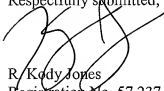
The named inventor and assignee agree to correction of the inventorship of the above patent to add Goran Moberg as an inventor. The following supporting documents are included with this petition:

- 1) Statement of Brian S. Higgins;
- 2) Declaration of Brian S. Higgins;

- 3) Statement of Goran Moberg;
- 4) Declaration of Goran Moberg;
- 5) Statement of Assignee of Application Serial No. 10/757,056, Mobotec USA, Inc.,  
including a Statement Under 37 C.F.R. 3.73(b);
- 6) Copy of the recorded assignment; and
- 7) Petition Fee in the amount of \$130.

Prompt and favorable action on this petition is respectfully requested. If any additional documents or information is required, a telephone call to the undersigned would be appreciated.

Respectfully submitted,



R. Kody Jones  
Registration No. 57,237  
Attorney for Petitioner  
MacCord Mason PLLC  
Post Office Box 2974  
Greensboro, NC 27402  
(336) 273-4422

Date: 12 May 2009  
File No. 7340-007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Higgins

Serial No.: 10/757,056

Filed: January 14, 2004

Confirmation No. 4830

For: COMBUSTION FURNACE HUMIDIFICATION  
DEVICES, SYSTEMS & METHODS

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

STATEMENT OF BRIAN S. HIGGINS IN CONNECTION  
WITH REQUEST UNDER 37 C.F.R. 1.48(a) TO CORRECT INVENTORSHIP

Sir:

I am the same Brian S. Higgins listed as an inventor on Application Serial No. 10/757,056 filed January 14, 2004. The omission of Goran Moberg in the above referenced application was an inadvertent error that occurred without deceptive intention on my part. I agree to the addition of Goran Moberg as a joint inventor.

Respectfully submitted,



Brian S. Higgins

Date: 5/12/2004

**RULE 63 (37 C.F.R. 1.63)  
DECLARATION FOR PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **COMBUSTION FURNACE HUMIDIFICATION DEVICES, SYSTEMS AND METHODS** the specification of which (check applicable box(es)):

☐ is attached hereto.  
☒ was filed on January 14, 2004 as U.S. Application Serial No. 10/757,056  
☐ was filed as PCT international application No. PCT / / on / / and (if applicable to U.S. or PCT application) was amended on / /

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. 1.56(a). I hereby claim foreign priority benefits under 35 U.S.C. 119(b)(3) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application.

Prior Foreign Application(s) Application Number	Country	Day/Month/Year Filed
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I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application listed below:

Prior Provisional Application(s) Application Serial No.	Day/Month/Year Filed
--	----------------------

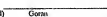
I hereby claim the benefit under 35 U.S.C. 120(b)(6) of all prior United States and PCT international applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in each prior application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56(a) which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S./PCT Application(s) Application Serial No.	Date/Month/Year Filed	Status: patented, pending, abandoned
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1) Inventor's Signature		Date	X 5 / 12 / 2007
Inventor's Name (typed)	First <u>William</u> Middle Initial <u>Michael</u> Last <u>Higdon</u>	Citizenship	US
Residence (City)	Walnut Creek	State/Foreign Country)	CA
Post Office Address	2540 Camino Diablo Blvd., Suite 200	Zip Code	94597

2) Inventor's Signature		Date	
Inventor's Name (typed)	First <u>Goran</u> Middle Initial <u>Michael</u> Last <u>Moberg</u>	Citizenship	Sweden
Residence (City)	Cary	State/Foreign Country)	NC
Post Office Address	109 Muir Woods Road	Zip Code	27513

3) Inventor's Signature		Date	
Inventor's Name (typed)	First <u>          </u> Middle Initial <u>          </u> Last <u>          </u>	Citizenship	
Residence (City)		State/Foreign Country)	
Post Office Address		Zip Code	

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Higgins

Serial No. 10/757,056

Filed: January 14, 2004

Confirmation No. 4830

For: COMBUSTION FURNACE HUMIDIFICATION  
DEVICES, SYSTEMS & METHODS

Examiner: E. M. Johnson

Art Unit: 1793

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

STATEMENT OF GORAN MOBERG IN CONNECTION WITH  
PETITION UNDER 37 C.F.R. 1.324 TO CORRECT INVENTORSHIP

Sir:

I have been advised that I was inadvertently omitted as a joint inventor on the above patent application. This inventorship error of failing to be included as an inventor occurred without any deceptive intention. It is my desire to be added as an inventor.

Respectfully submitted,

  
Goran MobergDate: MAY 11, 2009

**RULE 63 (37 C.F.R. 1.63)**  
**DECLARATION FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled COMBUSTION FURNACE HUMIDIFICATION DEVICES, SYSTEMS AND METHODS the specification of which (check applicable box(es)):

- ☒ was filed on January 14, 2004 as U.S. Application Serial No. 10/757,036  
☐ was filed as PCT International application No. PCT/ / on and (if applicable to U.S. or PCT application) was amended on

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. 1.56(a). I hereby claim foreign priority benefit of U.S.S.C. 11366 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Prior Foreign Application(s): Application Number	Country	Day/Month/Year Filled
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I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application listed below:

Prior Provisional Application(s): Application Serial No.	Day/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56(a) which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S./PCT Application(s) Application Serial No.	Date/Month/Year Filed	Status: patented, pending, abandoned
---	-----------------------	---

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

- 1) Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Inventor's Name (typed) Brian S Higgins US  
First Middle Initial Family Name Citizenship  
Residence (City) Raleigh State/Foreign Country NC  
Post Office Address 102 Edinburg Dr. South Zip Code 27511
- 2) Inventor's Signature X [Signature] Date X MAY 11, 2009  
Inventor's Name (typed) Goran Moberg Sweden  
First Middle Initial Family Name Citizenship  
Residence (City) GAY COOTEBORLO State/Foreign Country NO SWEDEN  
Post Office Address Top Main Woodstock SJOBASTEN 4 Zip Code 2566 SE - 417
- 3) Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_  
Inventor's Name (typed) \_\_\_\_\_  
First Middle Initial Family Name Citizenship  
Residence (City) \_\_\_\_\_ State/Foreign Country \_\_\_\_\_  
Post Office Address \_\_\_\_\_ Zip Code \_\_\_\_\_

FOR ADDITIONAL INVENTORS, check box ☐ and attach sheet with same information and signature and date for each.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Higgins  
Serial No. 10/757,056  
Filed: January 14, 2004  
Confirmation No. 4830  
For: COMBUSTION FURNACE HUMIDIFICATION  
DEVICES, SYSTEMS & METHODS

Examiner: E. M. Johnson  
Art Unit: 1793

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

STATEMENT OF ASSIGNEE IN CONNECTION WITH  
REQUEST UNDER 37 C.F.R. 1.486 TO CORRECT INVENTORSHIP  
AND STATEMENT UNDER 37 C.F.R. 573(b)

Sir:

The undersigned is an assignee of the above patent application by virtue of an assignment from Inventor Brian S. Higgins, which was recorded in the United States Patent and Trademark Office on September 19, 2006, at Recd/Frame 018271/0134.

Omission of Goran Moberg as a joint inventor on the above patent application was inadvertent and occurred without deceptive intent. The addition of Goran Moberg as a joint inventor is respectfully requested with the assignee's consent.

Respectfully submitted on behalf of  
Mobotec, USA Inc. by,



Brian S. Higgins  
Vice President of Technology  
Mobotec, USA Inc.

Date: 5/12/2009



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 19, 2006

PTAS

**\*500153022A\***

MACCORD MASON PLLC  
1600 WACHOVIA TOWER, 300 N. GREENE ST.  
GREENSBORO, NC 27401

**\*500153022A\***

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 09/19/2006

REEL/FRAME: 018271/0134  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 7340-006

**ASSIGNOR:**

HIGGINS, BRIAN S.

DOC DATE: 09/15/2006

**ASSIGNEE:**

MOBOTEC USA, INC.  
POST OFFICE BOX 2025  
ORINDA, CALIFORNIA 94563

SERIAL NUMBER: 10742260

FILING DATE: 12/20/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: COMBUSTION NOX REDUCTION METHOD



018271/0134 PAGE 2

SERIAL NUMBER: 10757056 FILING DATE: 01/14/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: COMBUSTION FURNACE HUMIDIFICATION DEVICES, SYSTEMS & METHODS

SERIAL NUMBER: 10798093 FILING DATE: 03/11/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: UREA-BASED MIXING PROCESS FOR INCREASING COMBUSTION EFFICIENCY AND  
REDUCTION OF NITROGEN OXIDES (NOX)

SERIAL NUMBER: 10797272 FILING DATE: 03/10/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD FOR IN-FURNACE REDUCTION AND CONTROL OF SULFUR TRIOXIDE

SERIAL NUMBER: 10797513 FILING DATE: 03/10/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD FOR IN-FURNACE REDUCTION FLUE GAS ACIDITY

SERIAL NUMBER: 10798088 FILING DATE: 03/11/2004  
PATENT NUMBER: ISSUE DATE:  
TITLE: METHOD FOR IN-FURNACE REGULATION OF SO3 IN CATALYTIC SYSTEMS

SERIAL NUMBER: 11455924 FILING DATE: 06/19/2006  
PATENT NUMBER: ISSUE DATE:  
TITLE: UREA-BASED MIXING PROCESS FOR INCREASING COMBUSTION EFFICIENCY AND  
REDUCTION OF NITROGEN OXIDES (NOX)

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION